



"RE-BUILDING THE CITY'S WATER SYSTEMS FOR THE 21ST CENTURY"

Sewerage & Water Board OF NEW ORLEANS

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Addendum No. 4

Date: 9/30/2021

Your reference is directed to Contract Number: 30228 for Mid-City Basin – No. 2 Sewer Rehabilitation which was scheduled to open at 11:00 a.m. CST on October 1, 2021 for SWBNO Networks Department.

The addendum provides for the following:

1. The bid opening date is rescheduled to **October 8, 2021 at 11:00 a.m. CST**. The teleconference access information will remain the same as published in the advertisement and bid document.
2. Revisions to Plans below.
3. Revisions to Specifications below.
4. Questions and Answers below.

Revisions to Plans

1. Plan Sheet 4, Note 1: **DELETE** "ALL ASSOCIATED SAW CUTTING AND"

Revisions to Specifications

1. Section 32 06 00, Sub-Section 3.2 (page 3), Table Item 2 "Composite Streets": **DELETE** "Geotextile Fabric for Pavement"
2. Section 32 12 16, Sub-Section 1.3.C: **DELETE** Paragraph 1 "Geotextile Fabric for Paving"
3. Section 33 01 30.76, Sub-Section 1.12.A: **DELETE** Sentences 2 through 6. Sentence 1 and sub-paragraph 1 shall remain.
4. Section 33 01 30.76, Sub-Section 1.12.B: **DELETE** this paragraph in its entirety.
5. Section 33 05 05, Sub-Section 3.11.D: **REPLACE** Paragraph 1 with:
 "1. CIPP Liner Testing
 a. Diameters 15" and Less: Air Pressure Testing
 b. Diameters Greater than 15": Gravity Pipe Leakage Testing"

6. Section 33 05 05: **ADD** New Sub-Section 3.12 “Gravity Pipe Leakage Testing”:

“A. For sewer lines greater than 15” in diameter but up to 36” in diameter, CIPP liners shall be tested in accordance with ASTM F1216 8.2 “Gravity Pipe Leakage Testing”. The CIPP liner shall be plugged at both ends and filled with water with all air bled from the line. The water level within the pipe shall be initialized as 2-ft above grade using an inversion standpipe. The minimum length of testing shall be 1 hour. The leakage volume shall be converted to “US gallons per inch internal diameter per mile length of pipe per day”. The maximum allowable leakage of the CIPP liner is 50 US gallons per inch internal diameter per mile length of pipe per day.”

Questions & Answers

1. What is the estimated project valuation for the above referenced project? Included in the pre-bid meeting minutes.
 - a. **The budget is \$9,000,000 to \$10,000,000.**
2. Section 1.12 calls for a warranty TV four years after project completion. We generally see this removed when we occasionally see it due to the reluctance of requiring payment up front for the work by the owner (via specific pay item) along with the logistical and practical complications of dealing with this 4 years later after the contract is long closed out. We request that this requirement be omitted.
 - a. **The 4 year inspection requirement has been removed as per this addendum.**
3. Section 2.3.B states the CIPP wall thickness shall be calculated OR minimum thickness’ from the following paragraph. To prevent a conflict, we ask that the thickness’ in the 2.3.B paragraph reference the nominal manufactured tube thickness. This would resolve probable conflicts and generally put the CIPP thickness in compliance with design and nominal requirements.
 - a. **There is no conflict here. The wall thickness shall be calculated by the contractor/vendor in accordance with ASTM F 1216 as directed by the specifications. The resulting thickness is less than the tabulated thickness provided in 2.3.B, then the tabulated thickness shall be provided. If the calculated thickness is greater than the tabulated values in 2.3.B, then the calculated thickness shall be provided.**
4. 3.7 A.1 refers to CIPP testing in accordance with 330505, Sewer Utility Testing (new). Any air testing in larger than 15” is highly discouraged for safety reasons due to the very large forces involved. Applying new air test parameters to CIPP in old, frail VCP runs the risk of damaging the VCP if it is also poorly bedded.
 - a. **Specification Section 33 05 05 amended to permit gravity pipe leakage testing for cured liners in pipe diameters larger than 15”.**
5. Is there any flow information that would be available on the lines 15” and greater to adequately size the bypass?
 - a. **Supplemental information is not available at this time for any lines that may require bypass. The Contractor shall size the bypass operations based on line diameter and**

field observations. As per the specifications, the Contractor cannot rely on the S&WB for assistance in bypass operations.

6. Lastly, from reviewing the plans, we noted the following differences between the bid quantities and the plans:
 - a. **Contractors shall base their bids based on the quantities provided in the Louisiana Uniform Bid Unit Prices worksheet.**
7. I see many mentions of Paving Fabric in the specifications (see below). However, I do not see it anywhere in the plans/drawings. Please provide IF paving fabric is going to be called for on this project. If yes, please provide where in the plans/drawings it can be located. DPW deleted this prior standard pay item. Pay item needs to be deleted from the unit price bid form and measurement and payment specifications.
 - a. **Geotextile Fabric for Paving has been deleted by DPW and has been removed from these specifications as per this addendum. In general, all references to “Geotextile Fabric for Pavement” in the plans or specifications should be disregarded.**
8. Sept 17 at 9 am: Has a budget been proposed for this project?
 - a. **The budget is \$9,000,000 to \$10,000,000.**
9. We previously submitted an inquiry regarding the specifications indicate Air Testing is a requirement upon installation of the new CIPP. We would like the additional option for Hydrostatic testing applied to water-cured installations. Our experience with air testing larger than +15” pipe creates a severe safety hazard and goes against our work instructions. I will need to look into this further and will discuss with you (Mark and Susan).
 - a. **This concern has been addressed herein this addendum.**

The above revisions shall be incorporated in and take precedence over any conflicting part of the original proposal documents. This addendum is hereby officially made part of the reference proposal.

Receipt of this addendum shall be acknowledged by inserting its number and date in the space provided in the Form of Proposal and by attaching it to the specifications.

This addendum consists of three (3) pages.

*** END OF ADDENDUM ***